Figure 1

Add IP & CSbase

Lookup physical address

Find translation with same EIP & physical address

Found?

no → Generate new translation

yes

Execute translation

Figure 2

Add IP & CSbase

Lookup physical address

Compare with stored physical address

Same?

no → Generate exception

yes

Execute translation

Figure 3

| 1st translation | Jmp |

| Prologue | Jmp |

| Prologue | 2nd translation |

| 2nd translation |

Figure 4